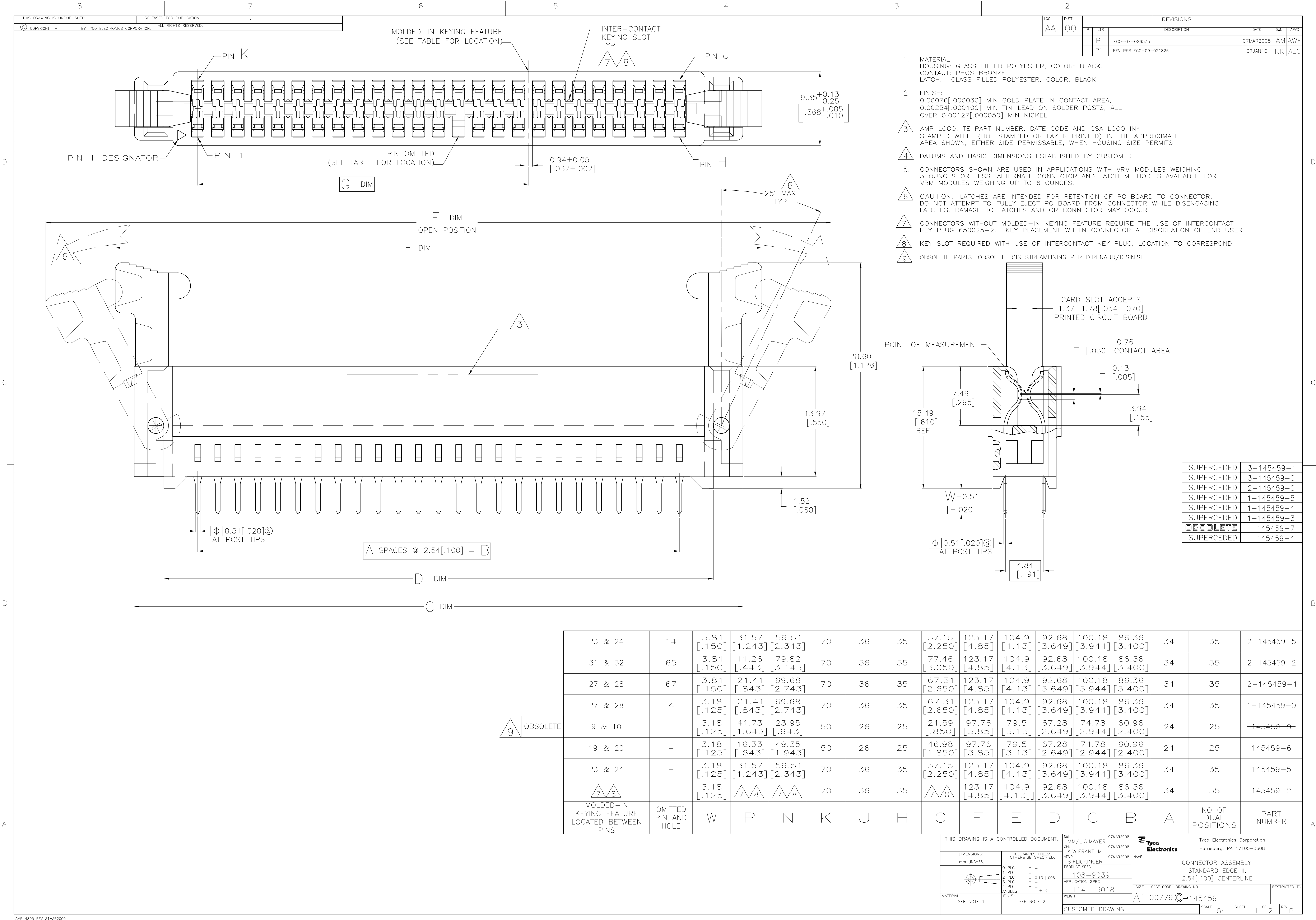




- MATERIAL:
HOUSING: GLASS FILLED POLYESTER, COLOR: BLACK.
CONTACT: PHOS BRONZE
LATCH: GLASS FILLED POLYESTER, COLOR: BLACK
- FINISH:
0.00076[.000030] MIN GOLD PLATE IN CONTACT AREA,
0.00254[.000100] MIN TIN-LEAD ON SOLDER POSTS, ALL
OVER 0.00127[.000050] MIN NICKEL
- AMP LOGO, TE PART NUMBER, DATE CODE AND CSA LOGO INK
STAMPED WHITE (HOT STAMPED OR LAZER PRINTED) IN THE APPROXIMATE
AREA SHOWN, EITHER SIDE PERMISSABLE, WHEN HOUSING SIZE PERMITS
- DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- CONNECTORS SHOWN ARE USED IN APPLICATIONS WITH VRM MODULES WEIGHING
3 OUNCES OR LESS. ALTERNATE CONNECTOR AND LATCH METHOD IS AVAILABLE FOR
VRM MODULES WEIGHING UP TO 6 OUNCES.
- CAUTION: LATCHES ARE INTENDED FOR RETENTION OF PC BOARD TO CONNECTOR,
DO NOT ATTEMPT TO FULLY EJECT PC BOARD FROM CONNECTOR WHILE DISENGAGING
LATCHES. DAMAGE TO LATCHES AND/OR CONNECTOR MAY OCCUR
- CONNECTORS WITHOUT MOLDED-IN KEYING FEATURE REQUIRE THE USE OF INTERCONTACT
KEY PLUG 650025-2. KEY PLACEMENT WITHIN CONNECTOR AT DISCRETION OF END USER
- KEY SLOT REQUIRED WITH USE OF INTERCONTACT KEY PLUG, LOCATION TO CORRESPOND
- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

SUPERCEDED	3-145459-1
SUPERCEDED	3-145459-0
SUPERCEDED	2-145459-0
SUPERCEDED	1-145459-5
SUPERCEDED	1-145459-4
SUPERCEDED	1-145459-3
OBSOLETE	145459-7
SUPERCEDED	145459-4

23 & 24	14	3.81 [.150]	31.57 [1.243]	59.51 [2.343]	70	36	35	57.15 [2.250]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	2-145459-5
31 & 32	65	3.81 [.150]	11.26 [.443]	79.82 [3.143]	70	36	35	77.46 [3.050]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	2-145459-2
27 & 28	67	3.81 [.150]	21.41 [.843]	69.68 [2.743]	70	36	35	67.31 [2.650]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	2-145459-1
27 & 28	4	3.18 [.125]	21.41 [.843]	69.68 [2.743]	70	36	35	67.31 [2.650]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	1-145459-0
9 & 10	-	3.18 [.125]	41.73 [1.643]	23.95 [.943]	50	26	25	21.59 [.850]	97.76 [3.85]	79.5 [3.13]	67.28 [2.649]	74.78 [2.944]	60.96 [2.400]	24	25	145459-9
19 & 20	-	3.18 [.125]	16.33 [.643]	49.35 [1.943]	50	26	25	46.98 [1.850]	97.76 [3.85]	79.5 [3.13]	67.28 [2.649]	74.78 [2.944]	60.96 [2.400]	24	25	145459-6
23 & 24	-	3.18 [.125]	31.57 [1.243]	59.51 [2.343]	70	36	35	57.15 [2.250]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	145459-5
	-	3.18 [.125]			70	36	35		123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	145459-2
MOLDED-IN KEYING FEATURE LOCATED BETWEEN PINS	OMITTED PIN AND HOLE	W	P	N	K	J	H	G	F	E	D	C	B	A	NO OF DUAL POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES

± -
± -
± 0.13 [.005]
± -
± -
± 2°

MATERIAL
SEE NOTE 1

FINISH
SEE NOTE 2

DWN
MM/LA.MAYER
CHK
A.W.FRANTUM
APVD
S.FLICKINGER

07MAR2008
07MAR2008
07MAR2008

PRODUCT SPEC
108-9039
APPLICATION SPEC
114-13018

WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
CONNECTOR ASSEMBLY,
STANDARD EDGE II,
2.54[.100] CENTERLINE

SIZE
A1

CAGE CODE
00779

DRAWING NO
145459

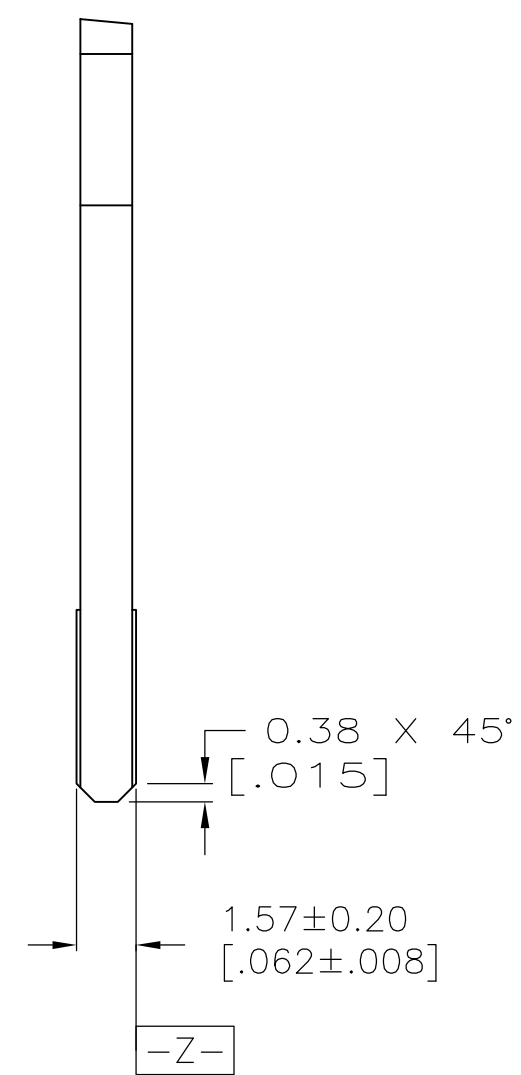
RESTRICTED TO
-

SCALE
5:1

SHEET
1

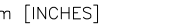
OF
2

REV
P1



Technical drawing of a 2x20 grid of holes. The drawing includes the following details:

- Top Left:** A coordinate system with a vertical axis labeled $-Y-$ and a horizontal axis labeled $-X-$. Both axes have a triangle with the number 4.
- Top Center:** A triangle with the number 4 and the text "BSC" (Basic Size).
- Top Right:** A triangle with the number 4 and the text "BSC".
- Top Center Callout:**
 - $\varnothing 1.02 \pm 0.08$
 - $[0.040 \pm 0.003]$ TYP
 - $\varnothing 0.15 [0.006] \text{S} X Y$
- Top Right Callout:** HOLE OMITTED FOR POLARIZATION (SEE TABLE FOR LOCATION)
- Bottom Right:** A dimension of 4.84 with a tolerance of $[.191]$.
- Bottom Center:** A dimension line labeled A SPACES @ 2.54 [.100] = B.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MM/LA-MAYER 07MAR2008		 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± .- 1 PLC ± .- 2 PLC ± 0.13 [.005] 3 PLC ± .- 4 PLC ± .- ANGLES ± 2°		NAME A.W.FRANTUM 07MAR2008 S.ELKINGER PRODUCT SPEC 108-9039 APPLICATION SPEC 114-13018	
		CONNECTOR ASSEMBLY, STANDARD EDGE II, 2.54[.100] CENTERLINE		SIZE A1	
MATERIAL SEE NOTE 1		FINISH SEE NOTE 2		CAGE CODE 00779	
		WEIGHT -		DRAWING NO 145459	
		CUSTOMER DRAWING		SCALE 5:1	
				SHEET 2 of 2	
				REV P	